

4) If even numbered dies have such number of dots LVALLIAMAN on their top faces, then what would be the total 39111054 number of dots on the top faces of their dice , 195111355 a)12 b) 14 \$ 18 4)24 DICE 6 Dice 4 · Dice 2 116 1,6 1,6 6+ 6+6 = 18 5) If the odd numbered dice have even number of dots on wheir top faces, when what would be the total number of dots on the top faces of their dice? 4)14 C.) 12 6.) 10 191 8 Dice 5 Dice 3 Dice 1 314 2,5 2,5 2+2+4=8 6.) If dies (I), (II), and (III) have even number of dots on their bottom faces and the dice (IV), (V) and (VI) have odd number of dots on other top faces, then what would be the difference in the total number of top faces between there two sets? a) 0 b) 2 c) 4 \$6 CASE 1 9 01 = 2 y > Tex BOTTOM D2 = 6 y > Tex BOTTOM Face 7 02 = 1 g > top faces. CASE 2 04 = 1 y -> Top faces.

D6 = 1 SUM of CASE 1 = 5+1+5=11 SUM of CASE 2 = 1+3+1=5 Difference = 11-5 = 6.

Direction for questions 7 to 10: The following questions are based on the information given T.AUTTIBLEUM 39111054 193111355 * There is a cuboid whoose dimensions are 4x3x3 cm.

* The opposite faces of dimensions 4x3 are coloured

yellow. * The apposite faces of other dimensions 4x3 are coloured * The opposite faces of dimensions are 3+3 are coloured green. X Now the ruboid is cut into small rubes of side 1 cm. 7) How many small cubes will have only two faces coloured? a) 12 b) &H c.) 16 d) 74 RED 3cm 6 Front + 6 back+ 2 left + 2 2:34E YELLOW GREEN SOM 8) How many Small cubes have three faces coloured?
a) 24 b.) 20 c.) 16 d/8 (4) How many small cubes will have no fore colored? $(4-2) \times (3-2)$ (3-2) = $2 \times 1 \times 1 = 4$ 10) How many small ruber will have only one face coloured. x310 b) 12 c.) 14 d.) 18 2×2+ 2×2 + 2+1 4+4+2 -

10